

3.

MOD086787017

UNCONTROLLED HAZARDOUS WASTE SITE INVESTIGATION

JACKSON COUNTY, MISSOURI

May 24, 1984

FACILITY

Patco Products
13830 Botts Road
Grandview, Missouri 64030

INVESTIGATOR:

William Goldkamp
Environmental Engineer
Waste Management Program
Kansas City Regional Office
Missouri Department of Natural Resources

DATE INVESTIGATION INITIATED: May 5, 1984

DATE INVESTIGATION COMPLETED: May 15, 1984

BACKGROUND OF THE INVESTIGATION:

Patco is a manufacturer of food additives, primarily of monoglycerides, lactylates and defoamers.

PERSONS INTERVIEWED:

B. J. Vercoglio, Manufacturing Superintendent
Patco Products
13830 Botts Road
Grandview, Missouri 64030
(816) 763 8381

Mel Boyer, Quality Control
Patco Products
13830 Botts Road
Grandview, Missouri 64030

SUMMARY:

On June 8, 1981, Mr. J. B. Kubec, who was then Manager of Technical Operations for Patco Products, submitted to the EPA, Form No. 9800-1, the Notification of a Hazardous Waste Site. At that time there were approximately 1100 gallons of non-halogenated solvents, listed as F003 and F005, and consisting primarily of xylene stored on site.

443805



RCRA RECORDS

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UNCONTROLLED HAZARDOUS WASTE
SITE INVESTIGATION
Jackson County
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Mr. Kubec was transferred and B. J. Vercoglio assumed his position. Since then the stockpile of waste has been gradually reduced so that it now consists of about a drum and a half of waste xylene. The waste is being transported from site by Reclamare Enterprises for resource recovery.

No spills are documented or remembered by employees interviewed and there are no physical manifestations indicating a spill where the waste has been stored.

DESCRIPTION OF THE INVESTIGATION:

The regional file for Patco Industries was checked and the application as a Missouri Hazardous Waste Generator observed. This indicated that an off specification product containing approximately 85% xylene was the primary waste produced.

Telephone conversations with B. J. Vercoglio and Mel Boyer of Patco indicated they were unaware of any leakage or spillage of the waste solvents on the property.

A visit to the site seemed to confirm their contention that there was not, and never had been, a problem with their waste solvents.

EXACT LOCATION:

Latitude 38 52' 24"
Longitude 94 32' 37"

LEGAL DESCRIPTION:

NE $\frac{1}{4}$, SE $\frac{1}{4}$, Section 22, T 47°N, R 53 W, Jackson County, Missouri.

DIRECTIONS:

From the Intersection of I-70 and I-435, proceed south on 435 to Missouri Highway 71, continue south on 71 to 135th Street. Turn west on 135 to the Intersection of 135 and Botts Road. Patco sits on the right.

UNCONTROLLED HAZARDOUS WASTE
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CURRENT OWNER:

Patco Products
13830 Botts Road
Grandview, Missouri 64030

DESCRIPTION OF SITE:

The storage site is located at the west end of the plant site approximately 800 feet from Botts Road. There are no wells, springs, lakes or housing located nearby. The material is stored outside on a asphalt surface.

TYPE OF DISPOSAL:

The solvents are transported by Reclamare off site for resource recovery.

TYPE OF WASTE:

Drums of xylene based solvent, EPA listed as F003, which is ignitable.

CONCLUSIONS:

It appears there is no threat to the environment and that this site should be delisted.

REPORT BY:

William R. Goldkamp
William R. Goldkamp
Environmental Engineer

APPROVED BY:

Roma P. Jenkins
Roma P. Jenkins
Environmental Engineer

APPROVED BY:

James R. McConathy
James R. McConathy
Regional Administrator

ATTACHMENT 1

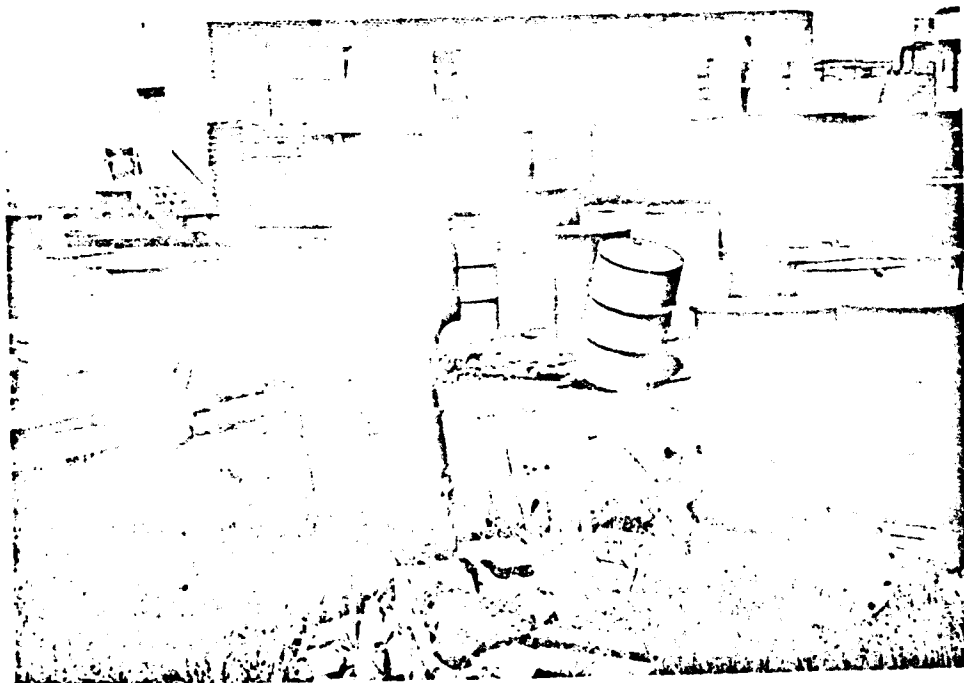
SKETCH OF SITE

ATTACHMENT II
PHOTOGRAPHS OF THE SITE

May 9, 1984

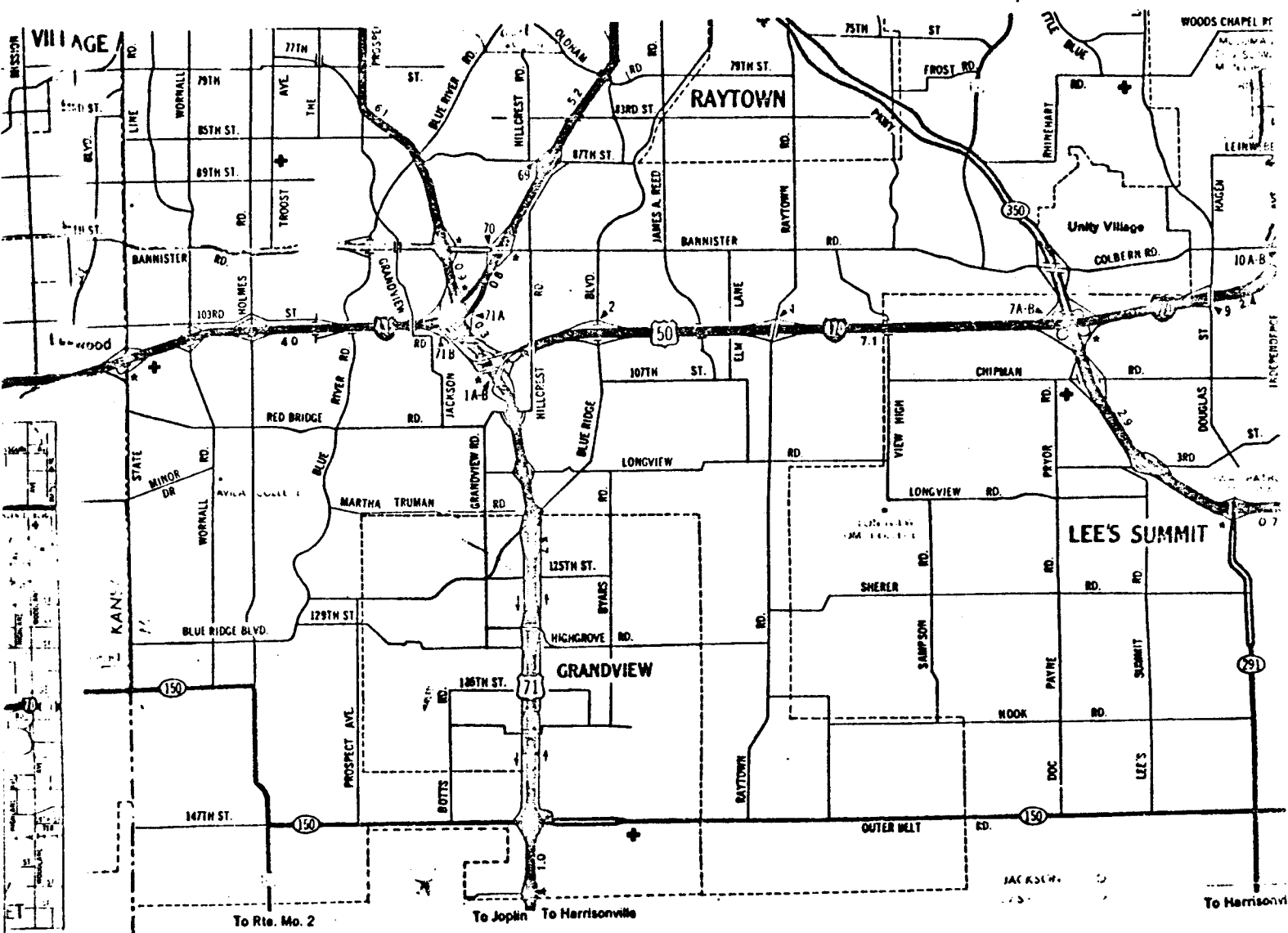
PATCO STORAGE SITE

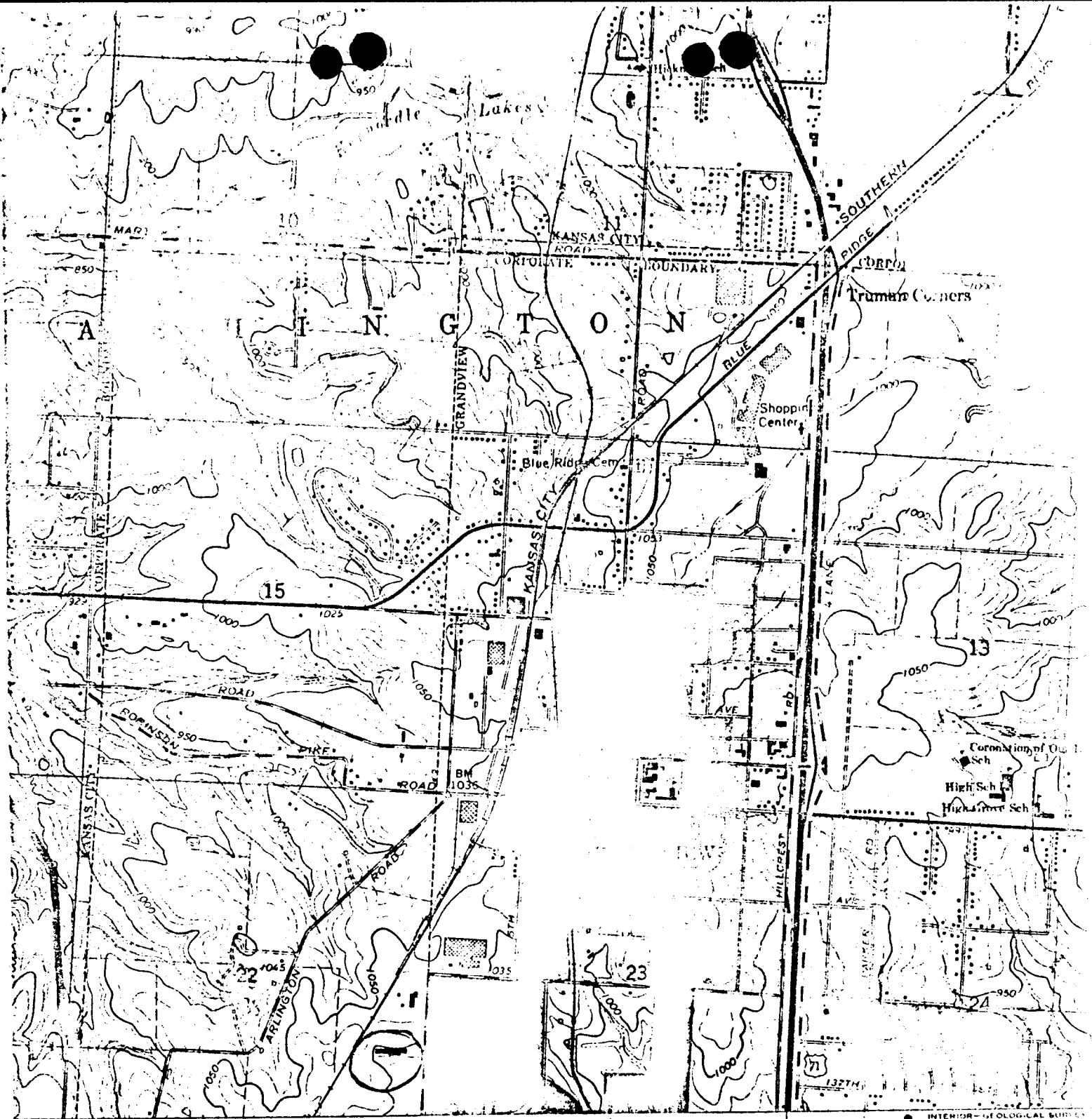
(DRUMS CONTAINING NON HAZARDOUS MATERIALS AND INCOMING PRODUCTS)



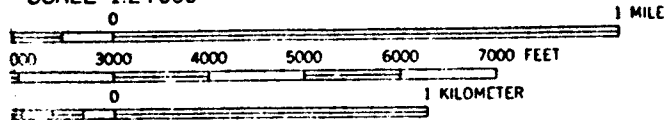
ATTACHMENT III

MAP TO SITE





SCALE 1:24000



VERT. INTERVAL 10 FEET
30' IS MEAN SEA LEVEL

NATIONAL MAP ACCURACY STANDARDS
FEDERAL GEOLOGICAL SURVEY, ROLLA, MISSOURI,
FEDERAL GEOLOGICAL SURVEY, LAWRENCE, KANSAS
A LIST OF MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASS.
Heavy-duty
Medium-duty
Interstate Route

GRANDVIEW
N38°

ATTACHMENT IV

EPA FORMS

APPENDIX A
PRELIMINARY ASSESSMENT FORM
EPA FORM 2070-12

- A1



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
MO. D086787017

II. SITE NAME AND LOCATION

01 SITE NAME (If owner, common, or descriptive name of site)

Patco Products

02 STREET, ROUTE NO. OR SPECIFIC LOCATION IDENTIFIER

13830 Botts Road

03 CITY

Grandview

04 STATE

05 ZIP CODE

06 COUNTY

MO.

64030

Jackson

07 COUNTY CODE
015

08 CONG DIST
5

09 COORDINATES

LATITUDE
38 52 24

LONGITUDE

94 32 37

Jackson Co.
NE 1/4, SE 1/4, Section 22, T 47 N, R 33 W

10 DIRECTIONS TO SITE (Starting from nearest public road)

Proceed south on 71 Highway to 139th Street, turn right and go about one (1) mile to Botts Road. Plant is on the right.

III. RESPONSIBLE PARTIES

01 OWNER (If known)

C. J. Patterson Company

02 STREET (Business mailing address)

3947 Broadway

03 CITY

Kansas City

04 STATE

05 ZIP CODE

06 TELEPHONE NUMBER

MO.

64111

816-763-8377

07 OPERATOR (If known and different from owner)

B. J. Vercoglio

08 STREET (Business mailing address)

13830 Botts Road

09 CITY

Grandview

10 STATE

11 ZIP CODE

12 TELEPHONE NUMBER

MO.

64030

816-763-8381

13 TYPE OF OWNERSHIP (Check one)

☒ A PRIVATE ☐ B FEDERAL

☐ C STATE ☐ D COUNTY ☐ E MUNICIPAL

☐ F OTHER

☐ G UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check one)

☐ A RCRA 3001 DATE RECEIVED

06-8-81

☒ B UNCONTROLLED WASTE SITE (RCRA 103) DATE RECEIVED

06-8-81

☐ C NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☒ YES DATE MONTH DAY YEAR
☐ NO

BY (Check all that apply)

☐ A EPA

☐ B EPA CONTRACTOR

☐ C STATE

☐ D OTHER CONTRACTOR

☐ E LOCAL HEALTH OFFICIAL

☐ F OTHER

CONTRACTOR NAME(S)

02 SITE STATUS (Check one)

☒ A ACTIVE

☐ B INACTIVE

☐ C UNKNOWN

03 YEARS OF OPERATION

1979

☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT KNOWN OR ALLEGED

Solvents (F003, Foo5, D001) primarily xylene

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

There apparently have been no leaks, spills or other environmental problems. Mr. J. Kunec, Manager of Technical Operations, apparently filled out EPA Form 9800-1 as a protection for Patco Industries.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one) ☐ A HIGH ☐ B MEDIUM ☐ C LOW ☐ D NONE

VI. INFORMATION AVAILABLE FROM

01 CONTACT

Mel Boyer

02 OF (Agency or Organization)

Patco Products

03 TELEPHONE NUMBER

816 763-8381

04 PERSON RESPONSIBLE FOR ASSESSMENT

William Goldkamp

05 AGENCY

MDNR

06 ORGANIZATION

07 TELEPHONE NUMBER

816-274-6675

08 DATE

7/407/84



**POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION**

I. IDENTIFICATION

STATE MO.	DISTRICT NUMBER 0010000444
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WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (CHECK ONE OF THE ABOVE)

A SOLID
B POWDER FINES
C SLUDGE
D OTHER

02 WASTE QUANTITY AT SITE

measures of waste generation must be independent.

TONS

CUBIC YARDS -----

NO OF DRUMS - - - - -

03 WASTE CHARACTERISTICS: C-100 00 0000 0000

A TOXIC
B CORROSIVE
C RADIOACTIVE
D PERSISTENT

E SOLUBLE
F INFECTIOUS
G FLAMMABLE
H IGNITABLE

I HIGHLY VOLATILE
J EXPLOSIVE
K REACTIVE
L INCOMPATIBLE
M NOT APPLICABLE

M. WASTE TYPE

M. WASTE TYPE		D1 GROSS AMOUNT	D2 UNIT OF MEASURE	D3 COMMENTS
CATEGORY	SUBSTANCE NAME			
SLU	SLUDGE			
OLW	OLY WASTE			
SOL	SOLVENTS	1100	gallons	
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

MES	HEAVY METALS	
IV. HAZARDOUS SUBSTANCES (See Appendix for test methods, code CAS Numbers)		03 CAS NUMBERS

[illegible]

V. FEEDSTOCKS See 44-38860-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837,

V. FEEDSTOCKS <small>See Annex 2, Part 1, of Schedule 1</small>				
CATEGORY	Q1 FEEDSTOCK NAME	Q2 CAS NUMBER	CATEGORY	Q1 FEEDSTOCK NAME
FDS			FDS	
FDS			FDS	
FDS			FDS	
FDS			FDS	

FC3		
VI. SOURCES OF INFORMATION		

Missouri Hazardous Waste Generator Registration Form

EPA Form 9800-1

Mel Boyer, Quality Control Manager



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

MO D086787017

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED

02 OBSERVED (DATE) _____
04 NARRATIVE DESCRIPTION

POTENTIAL

ALLEGED

Not observed

01 B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED

02 OBSERVED (DATE) _____
04 NARRATIVE DESCRIPTION

POTENTIAL

ALLEGED

Not observed

01 C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED

02 OBSERVED (DATE) _____
04 NARRATIVE DESCRIPTION

POTENTIAL

ALLEGED

Not observed

01 D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED

02 OBSERVED (DATE) _____
04 NARRATIVE DESCRIPTION

POTENTIAL

ALLEGED

Not observed

01 E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED

02 OBSERVED (DATE) _____
04 NARRATIVE DESCRIPTION

POTENTIAL

ALLEGED

Not observed

01 F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED

02 OBSERVED (DATE) _____
04 NARRATIVE DESCRIPTION

POTENTIAL

ALLEGED

Not observed

01 G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED

02 OBSERVED (DATE) _____
04 NARRATIVE DESCRIPTION

POTENTIAL

ALLEGED

Not observed

01 H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED

02 OBSERVED (DATE) _____
04 NARRATIVE DESCRIPTION

POTENTIAL

ALLEGED

Not observed

01 I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED

02 OBSERVED (DATE) _____
04 NARRATIVE DESCRIPTION

POTENTIAL

ALLEGED

Not observed



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE 02 SITE NUMBER
MD 0086787017

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

Not observed

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include number(s) of species)

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

Not observed

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

Not observed

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES
(Solid runoff, standing liquids, leaking drums)
03 POPULATION POTENTIALLY AFFECTED _____
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

Not observed

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

Not observed

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

Not observed

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

Not observed

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

V. SOURCES OF INFORMATION